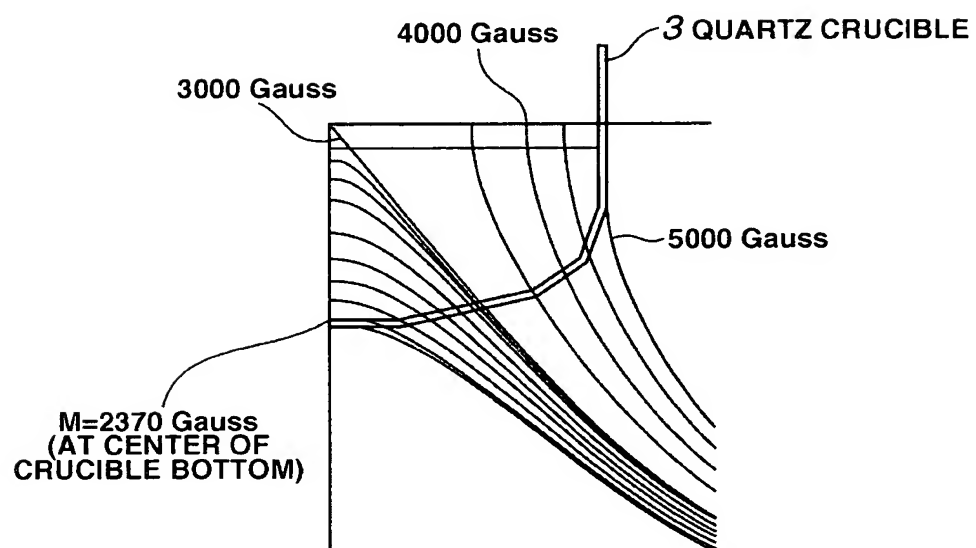


**FIG.1**



**FIG.2**

STANDARD No.	CRYSTAL DIAMETER (mm)	MAGNETIC FIELD STRENGTH M (Gauss)	M/V <sup>1/3</sup>	CRYSTAL ROTATING VELOCITY (rpm)	CRYSTAL PERIPHERAL VELOCITY (m/sec)	RESULT
1	200	1497	40.4	13.5	0.141	⊙
2	300	1975	40.3	10.0	0.157	⊙
3	300	2370	48.4	10.0	0.157	⊙
4	300	2765	56.4	9.0	0.141	⊙
5	200	1580	42.6	13.5	0.141	○
6	200	2079	56.1	12.0	0.126	○
7	300	1738	35.5	8.0	0.126	○
8	300	3002	61.3	10.0	0.157	○
9	200	582	15.7	8.0	0.084	x
10	200	582	15.7	12.0	0.126	x
11	200	1247	33.6	13.5	0.141	x
12	200	3326	89.7	13.0	0.136	x
13	300	1580	32.2	10.0	0.157	x
14	300	2370	48.4	7.0	0.110	x
15	300	3160	64.5	8.0	0.126	x
16	300	3160	64.5	10.0	0.157	x

FIG.3

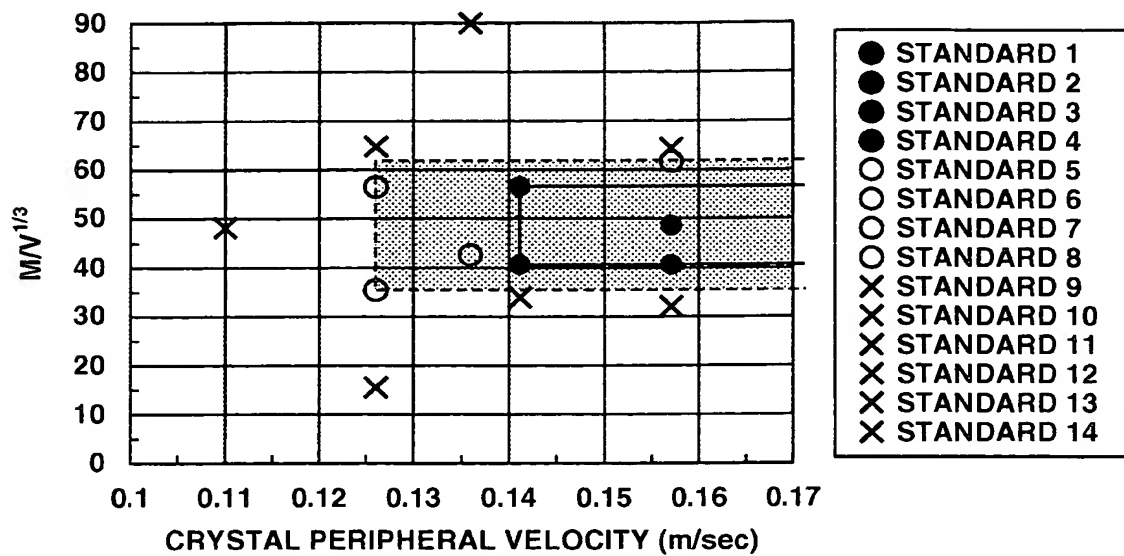


FIG.4

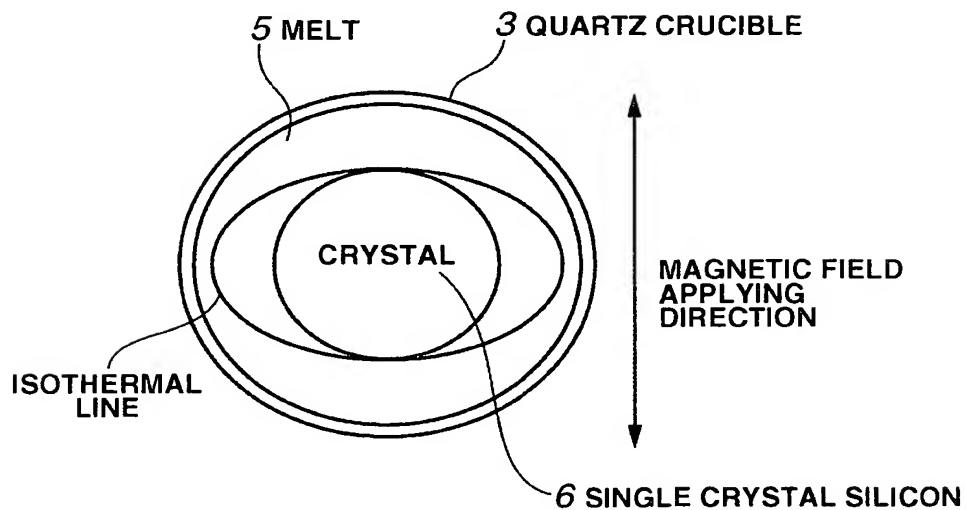
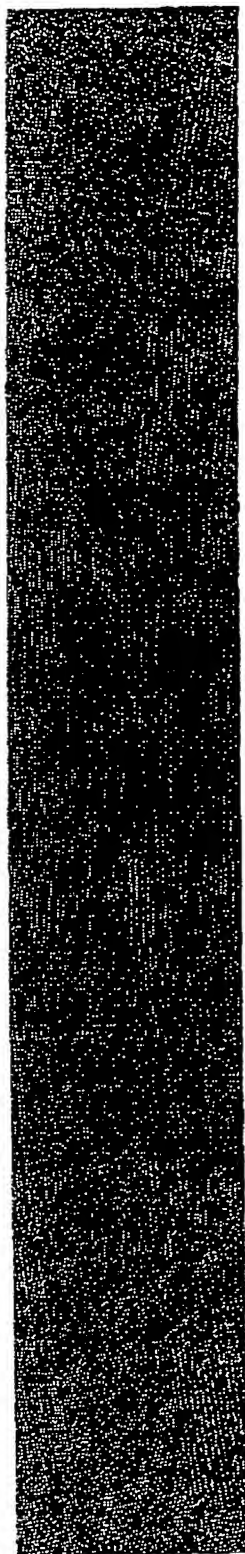
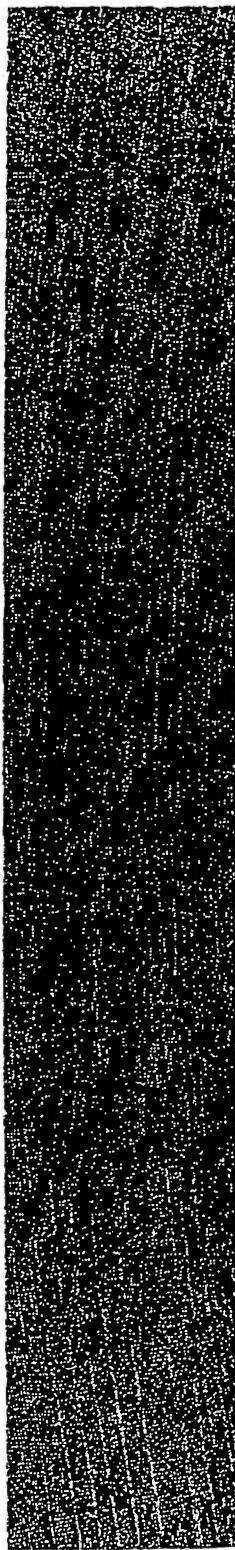


FIG.5

X-RAY PHOTOS OF CRYSTAL CROSS SECTION



**FIG. 6(a)**  DISTANCE BETWEEN GROWTH STRIATIONS IS UNIFORM, AND STRIATIONS ARE DENSE AND LIGHT.



**FIG. 6(b)**  DISTANCE BETWEEN GROWTH STRIATIONS IS SOMEWHAT NONUNIFORM.



**FIG. 6(c)** DISTANCE BETWEEN GROWTH STRIATIONS IS NOT UNIFORM AND STRIATIONS ARE DARK.

BEST AVAILABLE COPY